#### INFORMATION DISCLOSURE CITATION LIST Docket Number: Application Number 9847-0035-6X PGT FEB 1 4 2001 **ALTERNATE FORM PTO-1449** 09/508,684 (additional to original listing) Applicant(s): ERLAND SORENSEN EADEMAR Filing Date: Group Art Unit: MAY 31, 2000 2834 **U.S. PATENT DOCUMENTS EXAMINER** DOCUMENT DATE NAME CLASS SUB **FILING DATE** INITIAL NUMBER CLASS|IF APPROPRIATE 1 9/16/24 US 1,508,456 W.G.Lenz 2 US 1,904,885 4/18/33 G.A.Seeley 3 US 2,409,893 10/22/46 W.W. Pendleton et al 4 US 2,650,350 8/25/53 P.D. Heath 5 06/05/56 US 2.749.456 F.O. Luenberger 6 US 3, 014, 139 12/19/61 L.P. Shildneck 7 US 3,197,723 7/27/65 I.K.Dortort 8 US 3,392,779 7/16/68 K.B. Tilbrook 9 US 3,411,027 11/12/68 H. Rosenbera 10 US 3,541,221 11/17/70 M.Aupoix et al 11 US 3,571,690 3/23/71 V V A V Lataisa 12 US 3,651,244 3/21/72 D.A. Silver et al 13 US 3,660,721 5/2/72 L.L.Baird 14 US 3,666,876 5/30/72 E.O.Forster 15 US 3,684,906 8/15/72 H.G.Lexz 16 US 3,699,238 10/17/72 T.E.Hansen et al 17 US 3,743,867 7/3/73 J.L. Smith, Jr. 18 US 3,787,607 1/22/74 H.J.Schlafly 19 US 3,813,764 6/4/74 E. Tanaka et al 20 US 3,828,115 8/6/74 A.Hvizd, Jr. 21 US 3,912,957 10/14/75 H.B. Reynolds 22 J.P.Snow et al US 3.993.860 11/23/76 23 US 4,008,367 2/15/77 H. Sunderhauf 24 US 4,132,914 1/2/79 G.M. Khutoretsky 25 US 4,314,168 2/2/82 O. Breitenbach 26 US 4,321,426 3/23/82 F.K.Schaeffer 27 US 4,361,723 11/30/82 A.Hvizd Jr. et al 28 12/21/82 US 4,365,178 H.G.Lexz 29 US 4,367,890 1/11/83 F.Spirk 30 US 4,384,944 5/24/83 D. A. Silver et al 31 US 4,401,920 8/30/83 R.S.Taylor et al 32 US 4,432,029 2/14/84 B. Lundqvist 33 US 4,437,464 3/20/84 J.J.Crow 34 US 4,484,106 11/20/84 R.S.Taylor et al 35 US 4,490,651 12/25/84 R.S.Taylor et al 36 US 4,508,251 4/2/85 K.Harada et al 37 US 4,520,287 5/28/85 D.C.Wang et al 38 US 4,571,453 2/18/86 M.Takaoka et al 39 US 4,615,778 10/7/86 R.K.Elton 40 US 4,6,22,116 11/11/86 R.K.Elton et al 41 US 4,652,963 3/24/87 N. Fahlen 42 2/2/88 US 4,723,083 R.K.Elton 43 US 4,724,345 2/9/88 R.K.Elton et al 44 US 4,732,412 3/22/88 R. D.A. van der Linden et al Examiner Date RL. 6-21-01

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Applicant(s):
MATS LEIJON ET AL

Filing Date: FEBRUARY 17, 1999

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TW	45	US3418530	11/24/68	W. H. Cheever					
,	46	US3435262	3/25/69	R. B. Bennett et al		1)			
	47	US3437858	4/8/69	R. B. White		1	7	lacksquare	
	48	US3444407	5/13/69	E.S. Yates		T			
	49	US3447002	5/27/69	C. Ronnevig		1			
_	50	US3484690	12/16/69	H. Wald		$\top$			
	51	US3560777	2/2/71	W. Moeller		+			
	52	US3593123	7/13/71	A. C . Williamson		$\top$		T	
	53	US3631519	12/28/71	H. Salahshourian		+	<u> </u>	T	
-+	54	US3644662	2/22/72	H. Salahshourian		+	<del> </del>	+	
<del></del>	55	US3651402	3/21/72	P. H. Leffmann		$\dashv$		十	
<del>}-</del>	56		6/13/72	A. A. Andersson et al		-+	├	╁	
<del></del>		US3670192	7/4/72	H. G. Lenz		+		+	
	57	US3675056		. I		-+		╁	
	58	US3684821	8/15/72	M. Miyauchi et al		-	<del> </del>	╁	
	59	US3716652	2/13/73	G. E. Lusk et al		$\rightarrow$		+	
	60	US3716719	2/13/73	H. W. Angelery et al		$\rightarrow$		+	
	61	US3727085	4/10/73	P. B. Goetz et al		-	<u> </u>	╄	
	62	US3740600	6/19/73	B. Turley	•	$\dashv$		_	
	63	US3746954	7/17/73	A. Myles set al				4	
	64	US3758699	9/11/73	G. Lusk et al		_		+	
	65	US3778891	12/18/73	R. Amasino et al		+		+	
	66	US3781739	12/25/73	L. Meyer				╀	
	67	US3792399	2/17/74	W. McLyman				4	
	68	US3801843	4/2/74	J. Corman et al		_		$\bot$	
	69	US3809933	5/7/74	H. Sugawara et al				$\perp$	
	70	US3881647	5/6/75	B. Wolfe				4	
	71	US3884154	5/20/75	F. Marten		$\perp$	ļ	$\perp$	
	72	US3891880	6/24/75	H. Britsch		<u></u>			
	73	US3902000	8/26/75	E. Forsyth et al		<u> </u>			
	74	US3932779	1/13/76	A. Madsen				$\perp$	
	75	US3932791	1/13/76	J. Oswald			<u> </u>		
	76	US3943392	3/9/76	J. Keuper et al					
	77	US3947278	3/30/76	K. Youtsey					
	78	US3965408	6/22/76	H. Higuchi et al				1	
	79	US3968388	7/6/76	D. Lambrecht et al				Т	
	80	US3971543	7/27/76	W. Shanahan				T	
	81	US3974314	8/10/76	H. Fuchs				T	
	82	US3995785	12/7/76	R. Arick et al				1	
	83	US4001616	1/4/77	P. Lonseth et al				Т	
	84	US4008409	2/15/77	R. Rhudy et al				T	
-+	85	US4031310	6/21/77	L. Jachimowicz		-			
	86	US4039740	8/2/77	Z. Iwata				T	
	87	US4041431	8/9/77	G. Enoksen	<del>-   -</del>				
	88	US4047138	9/6/77	R. Steigerwald					
+	89	US4064419	12/20/77	R. Peterson					
	90	US4084307	4/18/78	G. Schultz el al	<del>  </del>		†		
	91	US4085347	4/18/78	K. Lichius	<del></del>			$\vdash$	
	92	US4088953	5/9/78	S. Sarian	<del>   </del>			$\vdash$	
+			5/23/78	Takagi et al	<del></del>		1	$\vdash$	
+-	93	US4091138		J. Quirk	<del>-   </del>		+1		<del> </del>
	94	US4091139	5/23/78		<del>                                    </del>		<del>                                     </del>	1	
$\checkmark$	95	US4099227	7/4/78	J. Liptak		+	<del>  N</del>	/-	
$\mathbf{Y}$	96	US4103075	7/25/78	E. Adam					l

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no	97	US4106069	8/8/78	J. Trautner et al		59	)		
(	98	US4107092	8/15/78	R. Carnahan et al					
	99	US4109098	8/22/78	M. Olsson et al		$\mathcal{I}$			
	100	US4121148	10/17/78	H. Platzer		$\top$		$\Box$	
	101	US4134036	1/9/79	G. Curtiss		$\top$		Γ	
	102	US4134055	1/9/79	M. Akamatsu				Τ	
	103	US4134146	1/9/79	E. Stetson					
	104	US4149101	4/10/79	A. Lesokhin et al					
	105	US4152615	5/1/79	R. Calfo et al				1	
	106	US4160193	7/3/79	A. Richmond				1	
+	107	US4164672	8/14/79	C. Flick					
<del>                                     </del>	108	US4164772	8/14/79	N. Hingorani			Г	1	
<del></del>	109	US4177397	12/4/79	John Lill					
-	110	US4177418	12/4/79	K. Brueckner et al				丁	
	111	US4184186	1/15/80	P. Barkan		$\top$		$\top$	
+-	112	US4200817	4/29/80	T. Bratoljic		$\top$	<u> </u>		
	113	US4200818	4/29/80	C. Ruffing et al	$\neg \vdash$	_		十	
	114	US4206434	6/3/80	A. Hase					
	115	US4207427	6/10/80	G. Beretta el al		$\top$		1	
-+	116	US4207482	6/10/80	C. Neumeyer et al				T	
<del></del>	117	US4208597	6/17/80	A. Mulach et al	1			1	
	118	US4229721	10/21/80	W. Koloczek et al					
-  -	119	US4238339	12/9/80	G. Khutoretsky et al		1			
	120	US4239999	12/16/80	A. Vinokurov et al				Π	
	121	US4245182	1/13/81	H. Aotsu et al					
	122	US4246694	1/27/81	H-G Raschbichler et al					
	123	US4255684	3/10/81	W. Mischler et al					
	124	US4258280	3/24/81	M. Starcevic					
	125	US4262209	4/14/81	C. Berner		$\neg$			
	126	US4274027	6/16/81	S. Higuchi et al		$\top$			
	127	US4281264	7/28/81	T. Keim et al		$\neg$			
+	128	US4307311	12/22/81	A. Grozinger		T			
	129		12/29/81	R. Schuler					
	130	US4308575	12/29/81	A. Mase				T	
	131	US4310966	1/19/82	O. Brietenbach					
	132		2/23/82	D. Silver et al					
	133		3/23/82	L. Stanley					
	134		3/23/82	M. Akamatsu					
	135	<del></del>	5/18/82	D. Albright et al					
	136		7/6/82	M. Streiff et al					
<u> </u>	137		7/27/82	T. Sandberg et al					
	138		8/31/82	J. F. Beau				$\perp$	
	139		8/31/82	K. Gellert et al					
	140		10/12/82	R. Meyers				L	
	141		11/2/82	H. Kirschbaum				L	
t	142		11/23/82	H-G Raschbichler et al					
	143		1/4/83	M. Mendelsohn et al					
	144		1/11/83	F. P. Demello et al					
<del>- 1</del> /	145		1/18/83	D. Lambrecht				1	
		<del></del>	211122	14.01.12		- 11		17	1

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			4 to necu P	<b>MYIO</b>	2 8 M	AR 2000	<b>-</b>
148	US4403163	9/6/83	Rarmerding et al	1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
149	US4404486	9/13/83	T. Keim et al				
150	US4411710	10/25/83	M.Mochizuki et al				$\neg$
151	US4421284	12/20/83	A. Pan				$\neg \neg$
152	US4425521	1/10/84	G. Rosenberry, Jr. et al				
153	US4426771	1/24/84	D. Wang et al				
154	US4429244	1/31/84	P. Nikiten et al				
155	1104404000	0/4 4/9 4	O Zueken				

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	149	US4404486	9/13/83	T. Keim et al	ر			7	
	150	US4411710	10/25/83	M.Mochizuki et al				T	
	151	US4421284	12/20/83	A. Pan				T	
	152	US4425521	1/10/84	G. Rosenberry, Jr. et al				T	
	153	US4426771	1/24/84	D. Wang et al				1	
	154	US4429244	1/31/84	P. Nikiten et al			$\top$		
	155	US4431960	2/14/84	O. Zucker	٦			1	
	156	US4443725	4/17/84	S. Derderian et al	7		T		<del> </del>
	157	US4470884	9/11/84	D. Carr	$\exists$		1	$\top$	
	158	US4473765	9/25/84	T. Butman, Jr. et al	寸		1	1	
	159	US4475075	10/2/84	R. Munn	7			1	<del> </del>
	160	US4477690	10/16/84	P. Nikitin et al	7		<del>                                     </del>	+	<del> </del>
	161	US4481438	11/6/84	T. Keim	7		+	+	
	162	US4488079	12/11/84	G. Dailey et al	┪		$t^-$	+	
	163	US4503284	3/5/95	M. Minnick et al	┪		╁	+-	
<del></del>	164	US4510077	4/9/85	R. Elton	$\dashv$		╁	+-	
<u> </u>	165	US4517471	5/14/85	K. Sachs	+		+	+-	<del> </del>
		US4523249	6/11/85	S. Arimoto	+		+-	+	
	167	US4538131	8/27/85	M. Baier et al	+		+	1	
		US4546210	10/8/85	Y. Akiba et al	+		$\vdash$	┼	
	169	US4551780	11/5/85	M. Canay	+		+-	-	
	170	US4557038	12/10/85	M. Wcislo el al	$\pm$		1		
-	171	US4560896	12/24/85	G. Vogt el al	+		$\vdash$		
	172	US4565929	1/21/86	J. Baskin et al	+		1-1	_	
	173	US4588916	5/13/86	R. Lis	+				
	174	US4590416	5/20/86	M. Porche et al	+	-			
	175	US4594630	6/10/86	M. Rabinowitz et al	+				
	176	US4607183	8/19/86	J. Rieber et al	+		++		
	177	US4615109	10/7/86	M. Wcislo et al	+		H		
-t-	178	US4618795	10/21/86	G. Cooper et al	+		++		
$\neg \uparrow \neg$	179	US4619040	10/28/86	D. Wang et al	+		H		
	180	US4633109	12/30/86	J. Feigel	+		+	<del></del>	
	181	US4650924	3/17/87	J. Kauffman et al	+		H		
	182	US4656379	4/7/87	F. McCarty	$\dashv$		$\vdash$		
	183	US4677328	6/30/87	K. Kumakura	+		$\vdash$		
	184	US4687882	8/18/87	G. Stone et al	+		H		
	185	US4692731	9/8/87	H. Osinga	+		$\vdash$		
	186	US4723104	2/22/88	F. Rohatyn	+		+		
	187	US4737704	4/12/88	S. Kalinnikov et al	+		+		
	188	US4745314	5/17/88	J. Nakano	†		-		
	189	US4766365	8/23/88	L. Bolduc et al	+		$\vdash \uparrow$		
	190	US4785138	11/15/88	O. Brietenbach et al	+		$\sqcap$		
	191	US4795933	1/3/89	K. Sakai	+		$\square$	-	
1	192	US4827172	5/2/89	K. Kobayashi	$\dagger$		$\vdash$		
	193	US4845308	7/4/89	E. Womack, Jr. et al	+				
	194	US4847747	7/11/89	A. Abbondanti	+				
	195	US4853565	8/1/89	R. Elton et al	$\dashv$		<del>                                     </del>	$\vdash$	
<del>-   7</del>	196	US4859810	8/22/89	R. Cloetens et al	+			$\vdash$	
	197	US4860430	8/29/89	H. Raschbichler et al	ᆛ	/		1	
<b>~~</b> ₩	198	US4864266	9/5/89	L. Feather et al	+	<del>/</del>	- A	1/	

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	199	US4883230	11/28/89	ed Listing of Original Ligac'd	1	1		1	PIAIL	LUU
	200	US4894284	1/16/90	S. Yamanouchi et al	+-	+-	<del> </del>	+	<del> </del>	
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	ı	1	OTHER F			uding Title, Author, Date, Pertinent al Insulation; G. L. Moses, 1951, pp2&		
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		2	OD002			ok; ABB AB; 1988 ; pp274-276		
		3	OD003			ndbok, 2 Elmaskiner; A. Alfredsson et a		
		4	OD004	pp1-8.		es in a New Class of Generators Powe		
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		7	OD007			erators; G. Beschastnov et al; 1977; Ve		
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		13	OD013			3au zweipoliger Turbogeneratoren bis 2 en Janner 1972, Heft 1, Seite 1 –11; G		Elektrotechnik und
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		16	OD016			of alternating current at high voltages;		EE Journal, Vol 67
<u> </u>		17	OD017	#393,	1/15/29; pp <sup>2</sup>			
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\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP0 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Zur Geschichte der Brown Boveri-Synchron-Maschinen; Vierzig Jahre Generatorbau; Jan-

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	20	OD020	High capacity synchronous generator having no tooth stator; V.S. Kildishev et al; No.1, 1977 pp11-16.
	21	OD021	Der Asynchronmotor als Antrieb stopfbcichsloser Pumpen; E. Picmaus; Eletrotechnik und Maschinenbay No. 78, pp153-155, 1961
	22	OD022	Low core loss rotating flux transformer; R. F. Krause, et al; American Institute Physics J.Appl.Phys Vol 64 #10 11/1988, pp5376-5378
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	25	OD025	Power System Stability and Control; P. Kundur, 1994; pp23-25;page 767
	26	OD026	Six phase Synchronous Machine with AC and DC Stator Connections, Part II:Harmonic Studies and a proposed Uninterruptible Power Supply Scheme; R. Schiferl et al.;8/1983 pp 2694-2701
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	29	OD030	Permanent Magnet Machines; K. Binns; 1987; pp 9-1 through 9-26
	30	OD031	Hochspannungsaniagen for Wechselstrom; 97. Hochspannungsaufgaben an Generatoren und Motoren; Roth et al; 1938; pp452-455
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	32	OD033	Neue Lbsungswege zum Entwurf grosser Turbogeneratoren bis 2GVA, 6OkV; G. Aicholzer; 9/1974, pp249-255
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	37	OD038	POWERFORMER ™: A giant step in power plant engineering; Owman et al; CIGRE 1998, Paper 11:1.1
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		Issue 2	dated 02/21/00	Applicant(s): MATS LEIJON ET AL			
,				Filing Date: FEBRUARY 17, 1999		Group A	Art Unit:
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EXAMINER		DOCUMENT	DATE	PATENT DOCUMENTS NAME	CLASS	SUR	FILING DATE
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20	1	US 4,292,558	9/29/1981	Carl Flick et al			
	2	US 4,656,316	4/7/1987	Hans-Juergen Meltsch			
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		DOCUMENT	TRANSLATIO			
		NUMBER			YES	NO
r	1	GB 1,319,257	6/6/1973	Anders R. Andersson et al	1 120	
	2	GB 1,322,433	7/4/1973	Siemens Akstiengesellschaft		
	3	GB 2,070,341	9/3/1981	Hans-Georg Raschbichler et al		
	4	WO 98/20598	5/14/1998	Jan-Anders Karlfeldtsgatan et al		<del></del>
	5	WO 98/20602	5/14/1998	Soren Berggren	1.	
	6	WO 98/34239	8/6/1998	Gunnar Steneorpsgatan et al		
	7	WO 99/28922	6/10/1999	Thorsten Schutte et al	1	
	8	WO 99/29005	6/10/1999	Mats Leijon et al		······································
	9	WO 99/29023	6/10/1999	Peter Carstensen et al		
	10	WO 99/29025	6/10/1999	Mats Leijon et al		
	11	EP 0056580 A1	7/28/1982	Jacobus F.H. Van der Vegt		
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